

Listing of Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Claim 1 (previously presented): A method for data transfer between a host system, a database, and a terminal server, the terminal server having a location, the method comprising:  
receiving at a host system, a terminal server identifier from a terminal server having a location;  
querying a database to obtain service data associated with the location of the terminal server based on the terminal server identifier; and  
automatically sending the location specific service data from the host system to the terminal server.

Claim 2 (previously presented): The method of claim 1 wherein the database includes a first record that associates the terminal server identifier with the location, and querying the database includes determining the location based on the terminal server identifier data from the first record.

Claim 3 (previously presented): The method of claim 2 wherein the database further includes a record that associates the location with service data that is specific to the location, and querying the database further comprises determining the location specific service data based on the determined location.

Claim 4 (previously presented): The method of claim 1 further comprising:  
establishing a data connection between the terminal server and a client computer;  
receiving the location specific service data at the terminal server; and  
forwarding the location specific service data from the terminal server to the client computer.

Claim 5 (previously presented): The method of claim 4 wherein establishing a data connection is carried out prior to receiving the terminal server identifier.

Claim 6 (previously presented): The method of claim 4 wherein establishing a data connection further comprises receiving a dial-up modem connection from a client computer.

Claim 7 (previously presented): The method of claim 1 wherein the terminal server identifier comprises a network address associated with the terminal server.

Claim 8 (previously presented): The method of claim 7 wherein receiving the terminal server identifier further comprises receiving a data packet from the terminal server, the data packet including the terminal server network address.

Claim 9 (previously presented): The method of claim 8 wherein the data packet includes request data received at the terminal server from the client computer, the request data identifying an information service.

Claim 10 (previously presented): The method of claim 9 wherein querying the database further comprises querying based on the terminal server identifier and the request data; and the location specific service data obtained by the query of the database is associated with both the terminal server identifier data and with the service identified by the request data.

Claim 11 (previously presented): A host system comprising:  
a database including a record associating a terminal server identifier with service data specific to a location;  
an interface to exchange data with a terminal server situated at a location via a communications link; and

a processor configured to receive the terminal server identifier from the data interface, to query the database for location specific service data associated with the terminal server identifier, and to send the location specific service data obtained by the query to the data interface for transmission to the terminal server.

Claim 12 (previously presented): The host system of claim 11 wherein:  
the terminal server identifier comprises a network address associated with the terminal server; and  
the interface includes packet processing circuitry to receive a data packet from the terminal server and extract the terminal server identifier from a header region of the data packet.

Claim 13 (previously presented): The host system of claim 12 wherein the network address comprises an internet protocol address.

Claim 14 (previously presented): The host system of claim 11 wherein the database includes a disk storage medium comprising a plurality of records associating terminal server identifiers with locations and a plurality of records associating locations with service data.

Claim 15 (previously presented): The host system of claim 14 further comprising a software storage media coupled to the processor, the media storing instructions to configure the processor to query the database, instructions to retrieve locations associated with terminal server identifiers and instructions to query the database to retrieve service data associated with locations.

Claim 16 (previously presented): A computer program residing on a computer-readable medium, comprising instructions for causing a computer to:  
receive a terminal server identifier from a terminal server having a location;

query a database to obtain location specific service data associated with the location of the terminal server based on the terminal server identifier; and  
send the location specific service data to the terminal server.

Claim 17 (previously presented): The computer program of claim 16 wherein the instructions to query the database comprise instructions to query the database to determine a the location based on the received terminal server identifier.

Claim 18 (previously presented): The computer program of claim 16 wherein the terminal server identifier comprises a network address associated with the terminal server.

Claim 19 (previously presented): The computer program of claim 16 wherein the instructions to receive the terminal server identifier comprises instructions to receive a data packet from the terminal server, the data packet including a terminal server network address.

Claim 20 (previously presented): The computer program of claim 19 wherein the data packet further comprises request data received at the terminal server from a client computer, the request data identifying a service.

Claim 21 (previously presented): The computer program of claim 20 wherein:  
the instructions to query the database comprise instructions to query the database based on the terminal server identifier and the request data; and the location specific service data obtained by the query is associated with both the terminal server identifier and with the service identified by the request data.

Claim 22 (previously presented): A method for data transfer between a host system, a database, and a terminal server, the terminal server having a location, the method comprising:

receiving, at a host system, terminal server identifier from a terminal server having a location;

accessing, by the host system, the location of the terminal server based on the terminal server identifier;

maintaining, at the host system, location specific service data;

querying, at the host system, a database to obtain the location specific service data associated with the location of the terminal server based on the terminal server identifier; and

automatically sending the location specific service data from the host system to the terminal server, wherein the host system is a single source for accessing the location of the terminal server, maintaining the location specific service data, and sending the location specific service data to the terminal server.

Claim 23 (previously presented): The method as in claim 22 further comprising:  
establishing a data connection between the terminal server and a client computer;  
receiving the location specific data at the terminal server; and  
forwarding the location specific service data from the terminal server to the client computer.

Claim 24 (previously presented): The method as in claim 22 wherein the terminal server identifier includes a network address associated with the terminal server.